

In the Specifications:

In the Brief Description of Drawings section, in paragraph 30, page 5 please replace the whole section with the following:

A1
"Fig 1 Shows the elements related to a generic controller.

Fig 2 Shows the elements defined in fig 1 along with the elements defined for this invention.

Fig 3. shows a method involving data transmission from a controller to another controller

Fig 4 show an incoming data packet into the controller."

In the Brief Description section, in paragraph 69, page 5, please replace the whole paragraph with the following:

A2
" From the point of view of controller 110, there are only two primitive functions related to network adapter 224, called Send and Receive. A Logic ID (LID) is assigned to each controller as part of a data field stored in a mO dedicated to network functions. As shown on Fig 3, a method of a mO involving data transmission to another controller is made by calling the primitive Send with four parameters: Service 310, Length 312, Destination LID 314 and Source LID 316. Service 310 indicates if the packet must be sent using a reliable mechanism or an unreliable mechanism. In a reliable context, a data packet is sent and an acknowledge indication generated by network adapter 224 working in the destination controller is expected. If such indication is not received in a certain amount of time network adapter 224 can either send the packet again or return a send error to controller 110. In an unreliable service an acknowledge indication is not expected and the packet can be lost in the transfer process."

In the Brief Description section, in paragraph 76, page 10, please replace the whole paragraph with the following:

A3 " An incoming data packet is received by calling the primitive Receive, as shown on Fig 1. Network adapter 224 must then return a similar structure, denoted by b suffixes, used in the Send primitive. The remote controller (not shown) is responsible for filling the fields to be received by controller 110. "